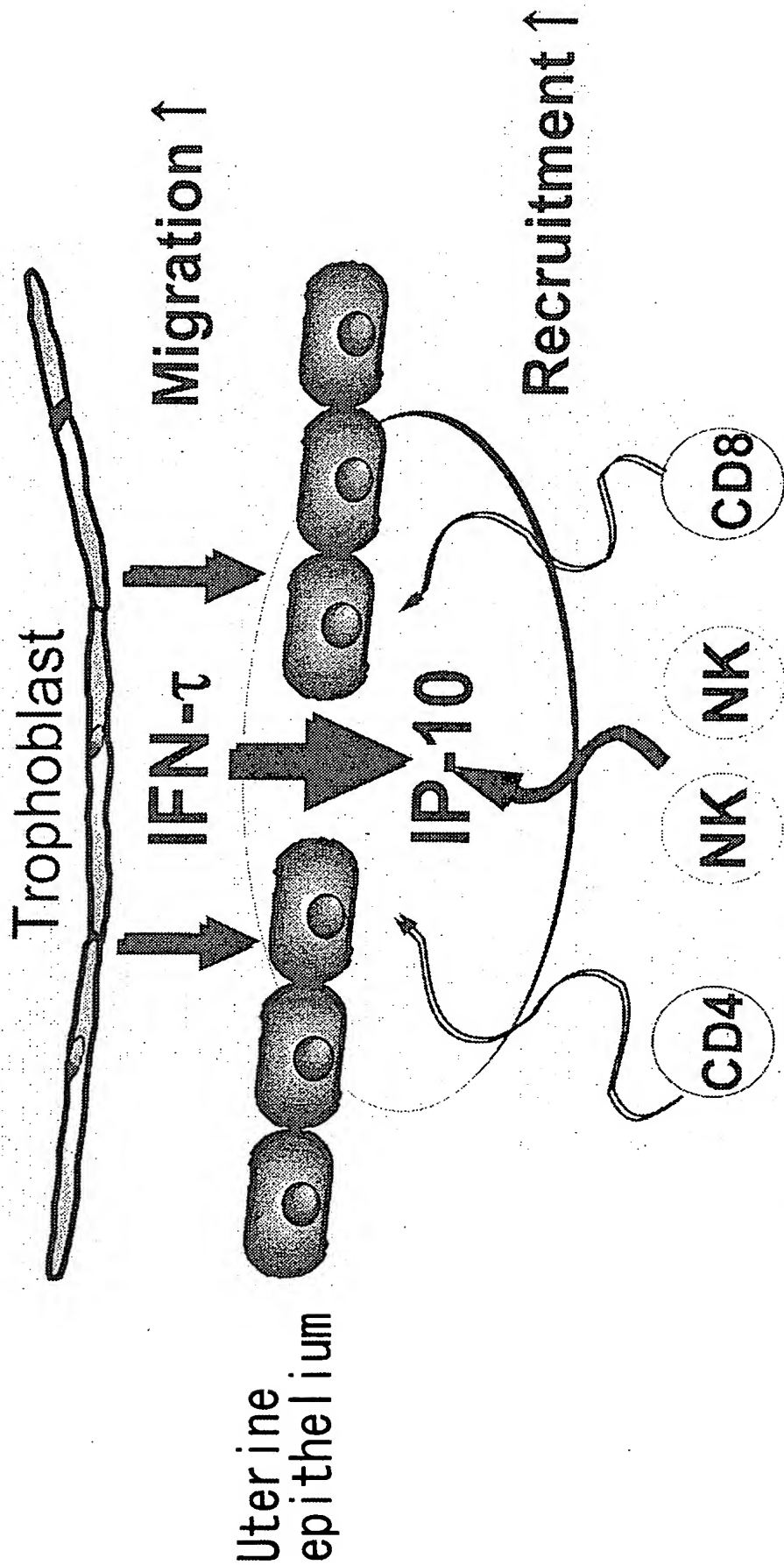


$IFN-\tau \rightarrow IP-10 \rightarrow$ Trophoblast migration and adhesion



$IFN-\tau \rightarrow IP-10 \rightarrow$ Immune cell migration



Spontaneous Abortion

Fas/FasL apoptosis system

Conceptus

Uterus

IFN- τ

IP-10

Recruitment

uNK cell

IL-10

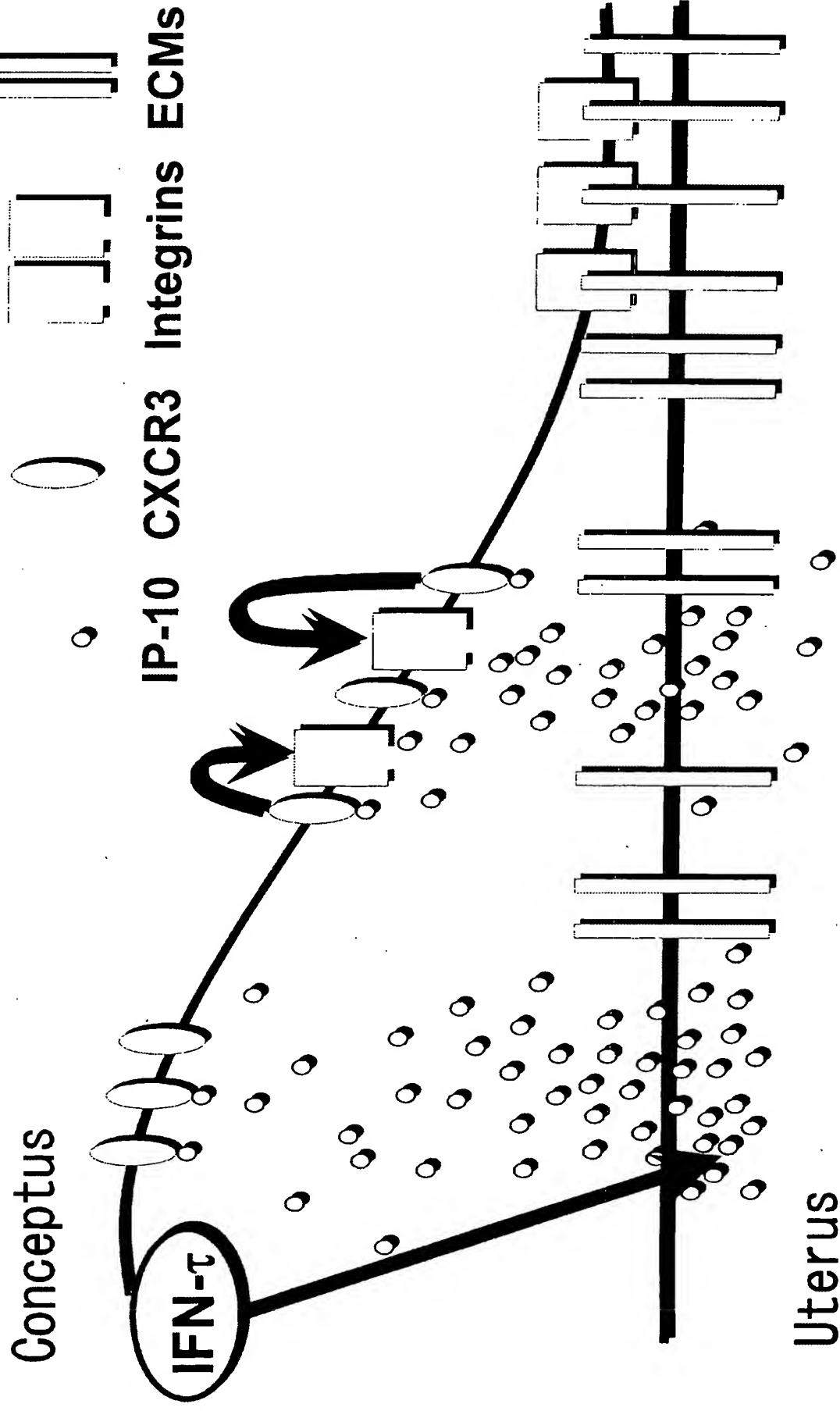
IFN- γ

beneficial effects detrimental effects

(Th1 to Th2 switching)



Mechanism of Conceptus Migration and Adhesion to Uterine Attachment Sites



K. Imakawa